

# hf Happenings

No 500

April 2012

The confluence of the Orange and Vaal Rivers at Douglas in the Northern Cape (KG10tw). The Vaal is on the right and the Orange comes in from the left. Beyond the look out point, the Orange River continues to Upington, the Augrabies Falls and the Atlantic Ocean at Alexander Bay

South African Radio League \* Suid-Afrikaanse Radioliga  
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Why not give QRP contesting a try during the next couple of weekends?

## *ZS Worked all Grid Squares*

In last week, Carina and I decided to go and visit soon-to-be-family (my daughter's fiancé and his parents) in the Douglas district of the Northern Cape during the Easter weekend. We left after the Good Friday church service and did some Geocaching along the route - no, we could not find the geocache at the Honoured Dead Memorial in Kimberley - a young man and his girlfriend thought this was an ideal place to sit and whisper sweet nothings to each other!

We drove from KG30bv through KG31 - about 11 km, then a large section of KG21 - about 221 km, KG11 - about 6 km and then into KG10. Along the route, I made a number of contacts on 40 metres giving out the grids - FT-857 into an ATAS-120 antenna. At the farm (KG10xw), I put up a long wire antenna and worked some stations on 80 metres. Pieter, ZS6XT, has now worked 82 of the 83 Grids - he needs KG14 to finish off! Anybody going that way?

On Saturday afternoon during the RaDAR contest, I worked from KG10xw and then mobile from the KG11/KG21 grid border on my way back to Bloemfontein. Conditions on 40 metres were good.

The farm is about 7,4 km from the geographical centre of South Africa - S29 00 00 E24 00 00 (this according to the CIA Yearbook) where KG10, KG11, KG20 and KG21 meet.

Do you need KG10? I will be visiting the area during the year and I will send out a notification.

## *SARL Autumn QRP Contest*

Aim. These QRP contests are intended to be fun activities to promote QRP operation between radio amateurs in Southern Africa. Using homebuilt equipment or operating as a portable / field station and using temporary antennas is encouraged, but is not a requirement.

*Have YOU done anything to promote Amateur Radio this month?*





Dates and times. Saturday 14 April 2012 from 12:00 to 15:00 UTC or 14:00 to 17:00 CAT

General Info. Home or field stations are welcome to participate. Modes: SSB, CW or mixed (SSB and CW). Power: 5 watts (PEP) output or less. A station may be contacted once per mode.

Frequency. This is a 40 metre band only event. Please use the contest preferred segments CW: 7 000 - 7 040 kHz and SSB: 7 060 - 7 100 kHz and 7 130 - 7 200 kHz

Exchange. RS(T) and Grid locator. Please consider exchanging realistic RS(T) signal reports. Please use the full 6-character grid locator e.g. KG43eu. If the station's grid locator is unknown, then use some other means that identifies the station's location: E.g. the name of the closest town or city e.g. Middelburg (Eastern Cape), or 25 km NW of Bloemfontein.

QSO Points. Each SSB contact counts 1 point and each CW contact counts 2 points.

Multipliers. Prefix multiplier - each prefix worked, counts as a new prefix multiplier.

Station type multiplier - X 2 - for Home stations (fixed station) and X 3 - for Portable stations (field station)

The definitions listed in the general section of the SARL rules define the above stations types accurately. A mobile station will be treated as a field station. A portable station not meeting the requirements as a field station will be treated as a home station.

Score.  $\text{Score} = (\text{QSO points}) \times (\text{No of prefixes worked}) \times (\text{Station multiplier})$

Log returns. E-mailed logs submitted in electronic form will be appreciated. In order of preference the following formats are requested - Using the provided Excel worksheet (available on SARL forum or direct from the contest manager) - send the logs in a text readable format i.e. Excel worksheet, text (txt) file or Cabrillo format - Contesters may also send in their ADIF logs, but errors may occur during the conversion process. The log checkers cannot be held responsible for these conversion errors.

In all cases please fill out the normal minimum data fields: Date, Time, Call sign of station worked, Mode, RS(T) sent, Exchange sent, RS(T) received, Exchange received and optionally a Comment field.

If the logging program does not have a field for "contest exchange" or the alternative contest exchange is too long and does not fit in the provided entry field, then log that exchange info in the comment field.

Logs shall be submitted within 7 days after the contest and can be sent by mail to the West Rand Amateur Radio Club, PO Box 5344, Weltevredenpark, 1725 or by e-mail to [contest@sarl.org.za](mailto:contest@sarl.org.za)

April 2012

31 Mar to 7 Apr – Klein Karoo National Arts Festival, Oudtshoorn  
5 – SARL 80 m QSO Party  
5 to 9 – Splashy Fen Music Festival, Underberg; Sedgefield Slow Festival  
6 – Good Friday  
6 to 9 – Western Cape AWA Expo, Stanford; Two Oceans Marathon, Cape Town  
6 to 15 – The Rand Show, Johannesburg  
7 – Autumn RaDAR Contest  
9 – Family Day  
10 – Schools open  
14 – Autumn QRP Sprint  
18 – World Amateur Radio Day  
20 and 21 – Holyland Contest  
20 to 22 – SARL National Convention, Pinetown  
26 to 30 – Harley Davidson Africa Bike Week, Margate  
27 – Freedom Day; closing date May RAE  
27 and 28 – Graskop Blue Swallow festival, Graskop  
27 to 29 – Dirtopia Mountain Bike Festival, Tarentaalkraal  
27 to 30 – SA Cheese Festival, Stellenbosch  
28 and 29 – John Dory's Orange River Canoe Marathon, Hopetown  
29 – Summerveld Hike, Summerveld, KZN  
30 – School holiday





### Contest Results

SARL March Madness YL Sprint was held on Saturday 10 March. The committee received five logs - two from YLs and three from non-YLs!

- 1<sup>st</sup> Colette Rundle, ZS2CR, with 24 points
- 2<sup>nd</sup> Dawn Snyders, ZS5ME, with 15 points
- 3<sup>rd</sup> Theunis Potgieter, ZS2EC, with 9 points - OM
- 4<sup>th</sup> Derek Stuart, ZS2J, with 7 points - OM
- 5<sup>th</sup> Peet Pretourius, ZS4VP, with 3 points - OM

The second SARL 80 metre Club Contest was run on Wednesday 28 March 2012 and this was a phone contest. Logs were received from members of the Port Elizabeth ARS, the Bloemfontein RAC and the West Rand ARC.

- 1<sup>st</sup> West Rand ARC - 146 points from 11 logs
- 2<sup>nd</sup> Bloemfontein RAC - 36 points from 2 logs
- 3<sup>rd</sup> Port Elizabeth ARS - 10 points from 1 log

The combined scores after two contest is

- 1<sup>st</sup> West Rand ARC - 153 points
- 2<sup>nd</sup> Bloemfontein RAC - 36 points
- 3<sup>rd</sup> Port Elizabeth ARS - 10 points
- 4<sup>th</sup> Sasolburg ARC - 2 points

### SA QSL System back online as from 9 April 2012

"The SA QSL system has been reinstated as from today, 9 April 2012. A few notes:

- The QSL database has been reinstated as at the last date on which the system was active in 2011, and as far as can be determined no records have been lost.
- For your own protection please keep a record of any additions, updates or confirmations you may make until we are certain that the system is completely stable. This is good practice anyway...
- All previous functionality has been reinstated with the exception of the automatic matching of QSLs feature of the **My new QSLs** page.
- ADIF data import from Logger32 has been tested. ADIF input from other programs has not been tested. If you use another logging program please test on a small number of records first, and advise [webmaster@sarl.org.za](mailto:webmaster@sarl.org.za).

Please report any queries or problems experienced to [webmaster@sarl.org.za](mailto:webmaster@sarl.org.za)."

### No Square Kilometre Array (SKA) site decision

South Africans will have to wait until at least mid May before it may be decided whether South Africa or Australia will be the country to host the SKA.

Members of the SKA Organisation met in Amsterdam on 4 April for their first general meeting. They noted the SKA site selection advisory committee's report and associated commentary that had been passed to them by the SKA Organisation's board, which met last month in the UK.

Have YOU done anything to promote Amateur Radio this month?







The members wished to move ahead with the site selection process and recognised that it is desirable to maintain an inclusive approach to the SKA. They noted that it is important to maximise the value from the investment made by both candidate regions. A small scientific working group was set up to explore possible implementation options that would achieve this. The working group will report back in mid-May.

At a recent media briefing the Minister of Science and Technology, Naledi Pandor, said sharing the SKA between Australia and South Africa was not an option. She said South Africa is ready to host the SKA. Commenting on the decision by the general meeting of the SKA organisation the minister said, "I am disappointed at the delay. I hope that the SKA organisation will make a decision in the first half of 2012 and that the decision will reflect the best scientific outcome."

### *Malaysia to Host Eighth Global Amateur Radio Emergency Communications Conference*

The Eighth Global Amateur Radio Emergency Communications Conference (GAREC) - called MyGAREC 2012 <http://www.mygarec2012.com/garec/> - will be held from 12 to 14 November in the Malaysian state of Negeri Sembilan at the Thistle Port Dickson Resort.

GAREC began in 2005 in Tampere, Finland. The conference attracts radio amateurs who have an interest in providing emergency communications in response to disasters or during training exercises. MyGAREC 2012 has been timed to immediately follow the IARU Region 3 Conference in Vietnam (scheduled for 5 to 9 November) with its theme of disaster relief communications.

General information for MyGAREC 2012 - including information on the venue, registration fees, the tentative agenda and registration forms has been posted on the MyGAREC website <http://www.mygarec2012.com/garec/index.php/info-mygarec-2012/mygarec-2012-schedule>

According to organisers, the website will be updated weekly with the latest news and program changes. Among the topics to be discussed include the HF emergency operating procedure and the future of GAREC, as well as presentations from the three IARU regions. Presentations from various IARU Member-Societies regarding recent disaster relief communications operations will also be scheduled.

Previous GARECs have been held in Finland (2005 and 2006), the USA (2007), Germany (2008), Japan (2009), Curacao (2010) and South Africa (2011).

### *WaveGuide: Real-time HF propagation conditions for iPhone and iPad*

WaveGuide is the amateur radio operator's ultimate utility for determining HF propagation conditions, whether you're in the shack with your linear or QRP mountain topping.

Designed from the ground up as a Universal app that works on both iPhone and iPad, WaveGuide is easy, fun, and powerful.

Utilizing data from the popular PSKReporter database, WaveGuide plots real-time propagation conditions, connecting stations with great circles to show exactly where band conditions are best.

The colors of the great circles indicate the band, so it's easy to visually determine how the ionosphere is behaving anywhere in the world.

Features - Filter by band, call sign, grid square, mode, and period; View details for each transmission, including time, DXCC entity, frequency, distance, and bearing; Display all signals at once, or just signals from one station; Find the best PSK31 frequencies to monitor at your QTH





Some Example Uses - See how band conditions fluctuate worldwide throughout the course of the day. Chase DX by finding transmissions in your grid square. Track signals received by your home station while you're away. How many countries can you collect?

### *MacLoggerDX Version 5.37 released.*

Dog Park Software is pleased to announce that version 5.37 of MacLoggerDX has been released and can be downloaded from <http://dogparksoftware.com/MacLoggerDX.html>

What's New in this version? Intel Only, OS 10.6 or later; QSL Via added to DXCluster/Spots Panel; Added Lion Full-screen mode; Mode added to Change Selected Log Entries; 2D Map refresh; Ten-Tec Orion Split mode fixed; K3 2nd Rx Pref added; FT-8x7 Split mode fixed; Longer DXCluster timeouts; Clear Stacking register; Speech Alarm expands "M" to "Meters"; Specific Call Alarm also searches Comments for Keywords; DX de Tooltip shows call and country; Command-click DXcluster band check boxes; Added CSV export to Labels Panel; Memory footprint reduced; Filter Alarms; Added HB9BZA LoTW list; ADIF Export QSL Received bug fixed.

### *Need to get rid of your Fleas?*

The West Rand Amateur Radio Club is hosting its next flea market at 12:00 on Saturday 28 April 2012 at the clubhouse in Kroton Street, Weltevredenpark, Roodepoort. Everyone is very welcome. For more information, contact Phillip, ZS6PVT, at 083 267 3835.

### *African DX*

Cameroon, TJ. Ivan, 5N7M/OM3CGN, is now active as TJ6RM until 16 April. Activity is on 40 - 10 metres using CW and SSB. QSL via OM3CGN.

### *African Islands*

Seychelles, S7. Heye, DJ9RR, will be active as S79RR from Mahe Island between 15 and 23 May. Activity will be holiday style on 40 - 10 metres using CW and RTTY. QSL via his home call sign, by the Bureau or direct or LoTW.

Tristan da Cunha, ZD9. Operators Martin, G3ZAY, and Robert, MOVFC, are planning (not yet confirmed) to be active as ZD9UW from Tristan da Cunha possibly in September. More details are forthcoming, watch <http://www.zd9uw.org.uk>

### *Special Event Stations*

World Amateur Radio Day - April 18

South Africa - ZS6IARU, will be active on 18 April. QSL via ZS4BS.

Mexico. 6H6IARU by the Federación Mexicana de Radio Experimentadores. This station will be active from 13 to 18 April on all modes and bands. QSL via LoTW and N7RO, direct or bureau.

Chile. 3G87IARU by the Radio Club de Chile. This station will be active throughout the month of April. QSL via CE3AA.

Bulgaria. LZ1WARD by the Bulgarian Federation of Radio Amateurs also will be active throughout the month of April. QSL via bureau.

*Have YOU done anything to promote Amateur Radio this month?*





Liberia. EL2RL by the Liberia Radio Amateur Association will be active on 18 April 2011 on 10, 15, 17 and 20 metres. Direct QSL to EL2BA.

Switzerland. HB9WARD by Union Schweizerischer Kurzwellen-Amateure to be active also on 18 April 2011. QSL via HB9JOE.

Poland. HF87WARD by members of the SP-CFF (SPOCFF). This station will be active from 17 to 30 April to 30. QSL via eQSL.cc and WFF LogSerach. For those who want to send card direct, please send SASE to Polish Club Flora & Fauna, Suchacz, Wielmozy 5b, 82-340 Tolkmicko, Poland. They will even have an award for this operation.

Portugal. Special event station CR6IARU is active until 19 April. QSL via bureau.

## Contest Calendar

*This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 9 to 16 April 2012.*

### Low Power Spring Sprint

14:00 - 20:00 UTC 9 April

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op Single Band; Single Op Two/Three Band; Single Op All Band

Max power: A: 1 watt; C: 5 watts; Q: 25 watts; X: 50 watts; Y: 100 watts

Exchange: RST, 4-character grid square and power category - A, C, Q, X or Y

QSO Points: 3 points per QSO with same continent; 9 points per QSO with different continent; 18 points per QSO with OM station

Multipliers: Each grid square once per band; Each prefix once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 9 May 2012

E-mail logs to: [om3kfv@zoznam.sk](mailto:om3kfv@zoznam.sk)

Mail logs to: Radioklub OM3KFV, PO Box 3, 038 61 Vrutky, Slovakia

Find rules at: <http://www.hornucopia.com/contestcal/lowpowerspringsprint2010.pdf>

### NAQCC Straight Key/Bug Sprint

00:30 - 02:30 UTC 11 April

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: 5 watts

Exchange: RST, state, province or country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2 x if straight key, 1.5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 14 April 2012

E-mail logs to: [naqcc33@windstream.net](mailto:naqcc33@windstream.net)

Upload log at: <http://naqcc.n4lcd.com/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at: <http://naqcc.info/sprint201204.html>

### CWops Mini-CWT Test

13:00 - 14:00 UTC, 19:00 - 20:00 UTC 11 April and 03:00 - 04:00 UTC 12 April

Mode: CW

*Have YOU done anything to promote Amateur Radio this month?*





Bands: 160, 80, 40, 20, 15, 10 m  
Classes: Single Op QRP, low or high  
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts  
Exchange: Member: Name and member no; non-Member: Name and state, province or country  
Work stations: Once per band  
QSO Points: 1 point per QSO  
Multipliers: Each call once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 04:00 UTC 14 April 2012  
Post log summary at: <http://www.hornucopia.com/3830score/>  
Mail logs to: (none)  
Find rules at: <http://www.cwops.org/onair.html>

NAQCC-EU Monthly Sprint  
18:00 - 20:00 UTC 11 April  
Mode: CW  
Bands: 80, 40, 20 m  
Classes: Single Op  
Max power: 5 watts  
Exchange: RST, country and NAQCC no or power  
Work stations: Once per band  
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member  
Multipliers: Each country in Europe; First country in each continent worked other than Europe  
Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other  
Score Calculation: Total score = total QSO points x total mults x key type mult  
Submit logs by: 20:00 UTC 14 April 2012  
E-mail logs to: [submitlog@naqcc-eu.org](mailto:submitlog@naqcc-eu.org)  
Upload log at: <http://www.naqcc-eu.org/autologger/>  
Mail logs to: M Ireland MW3YMY, Pen-y-Gadlas, Ffordd Bryniau, Meliden, Prestatyn, Denbighshire LL19 8RD, UK  
Find rules at: <http://naqcc-eu.org/SprintHelp/SprintRules.pdf>

RSGB 80 m Club Championship, SSB  
19:00 - 20:30 UTC 11 April  
Mode: SSB  
Bands: 80 m Only  
Classes: (none)  
Exchange: RS and serial no  
QSO Points: 1 point per QSO  
Multipliers: (none)  
Score Calculation: (see rules)  
Submit logs by: 23:59 UTC 18 April 2012  
Upload log at: <http://www.vhfcc.org/cgi-bin/hfenter.pl>  
Mail logs to: (none)  
Find rules at: <http://www.rsgbcc.org/hf/rules/2012/r80mcc.shtml>

NCCC Sprint Ladder  
02:30 - 03:00 UTC 13 April  
Mode: CW  
Bands: 160, 80, 40, 20, 15 m  
Classes: Single Op  
Max power: 100 watts

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Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band;

Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 April 2012

E-mail logs to: (none)

Post log summary at: <http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

#### Montana QSO Party

00:00 UTC 14 April to 24:00 UTC 15 April

Mode: CW, Phone, Digital

Bands: 160 to 70 cm

Classes: Single Op CW, phone, digital or mixed - QRP, low or high; Multi-Single CW, phone, digital or mixed - QRP, low or high; Mobile/Rover CW, phone, digital or mixed - QRP, low or high

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: MT: county; non-MT: state, province or "DX"

Work stations: Once per band per mode

QSO Points: 1 point per SSB QSO; 2 points per CW/Digital QSO

Multipliers: MT: Each state, province or MT county once per mode; Non-MT: Each MT county once per mode

Power: >150 W - 1 X, 150 W - 2 X, QRP - 3 X

Score Calculation: Total score = total QSO points x total mults x power mult

Submit logs by: 22 April 2012

E-mail logs to: [MTQSOParty2012@tuscor.net](mailto:MTQSOParty2012@tuscor.net)

Post log summary at: <http://fvarc.org/?q=MT-QSO-Entry>

Mail logs to: (none)

Find rules at: <http://www.fvarc.org/?q=libmain/39>

#### JIDX CW Contest

07:00 UTC 14 April to 13:00 UTC 15 April

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - low or high; Single Op Single Band - low or high; Multi-Single; Maritime Mobile

Max power: HP: >100 W; LP: 100 W

Exchange: JA: RST and Prefecture no; non-JA: RST and CQ Zone no

Work stations: Once per band

QSO Points: 4 points per JA - DX QSO on 160 m; 2 points per JA - DX QSO on 80 m; 1 point per JA - DX QSO on 40, 20, 15 m; 2 points per JA - DX QSO on 10 m

Multipliers: JA Stations: DXCC countries and CQ zones once per band; non-JA Stations: JA prefectures plus JD1/O, JD1/MT, JD1/OT once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 14 May 2012

E-mail logs to: [cw@jidx.org](mailto:cw@jidx.org)

Mail logs to: JIDX CW Contest, c/o Five-Nine Magazine, PO Box 59, Kamata, Tokyo 144-8691, Japan

Find rules at: <http://www.jidx.org/jidxrule-e.html>

#### New Mexico QSO Party

*Have YOU done anything to promote Amateur Radio this month?*







14:00 UTC 14 April to 02:00 UTC 15 April

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: Single Op; Multi-Op; Mobile Single Op; Mobile Multi-Op

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: NM: Name and county; non-NM: Name and state, province or country

QSO Points: 1 point per phone QSO; 2 points per CW/Digital QSO; Mobile Bonus: 5 000 points per county from which at least 15 QSOs

Multipliers: NM Stations: Each county, state, province, DXCC country once; non-NM Stations: Each NM county once

Power: HP = 1 X, LP = 2 X, QRP = 5 X

Score Calculation: Total score = (total QSO points x total mults x power mult) and mobile bonus points

Submit logs by: 5 May 2012

E-mail logs to: [nmqsoparty@gmail.com](mailto:nmqsoparty@gmail.com)

Mail logs to: New Mexico QSO Party, c/o Jerry Aceto, K6LIE, 1023 Purple Aster Dr, Bernalillo, NM 87004, USA

Find rules at: [http://pages.swcp.com/~n5zgt/nmqsoparty/documents/NMQP\\_forms.pdf](http://pages.swcp.com/~n5zgt/nmqsoparty/documents/NMQP_forms.pdf)

EU Spring CW Sprint

16:00 - 19:59 UTC 14 April

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op - low or high

Max power: HP: >100 W; LP: 100 W

Exchange: your call sign, other stations call sign, serial no and name

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 29 April 2012

E-mail logs to: [eusprint@kkn.net](mailto:eusprint@kkn.net)

Mail logs to: Dave Lawley, G4BUO, Carramore, Coldharbour Road, Penshurst, Kent TN11 8EX, England

Find rules at: <http://www.eu-sprint.com/index.php?page=140&lang=g>

Georgia QSO Party

18:00 UTC 14 April to 03:59 UTC 15 April and 14:00 - 23:59 UTC 15 April

Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: Single Op - CW, phone or mixed - QRP, low or high; Multi-Single - CW, phone or mixed - QRP, low or high; Multi-Multi - CW, phone or mixed - QRP, low or high; Rover Single Op - CW, phone or mixed - QRP, low or high; Rover Multi-Op - CW, phone or mixed - QRP, low or high

Max power: HP: >150 W; LP: 150 W; QRP: 5 W

Exchange: GA: RST and county; non-GA: RST and state, province or "DX"

Work stations: Once per band per mode

QSO Points: 1 point per phone QSO; 2 points per CW QSO

Multipliers: GA Stations: Each state and DC and VE province/territory once per mode; non-GA Stations: each GA county once per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 May 2012

E-mail logs to: [logs@georgiagsoparty.org](mailto:logs@georgiagsoparty.org)

Mail logs to: John Laney, K4BAI, PO Box 421, Columbus, GA 31902-0421, USA

*Have YOU done anything to promote Amateur Radio this month?*





Find rules at: <http://www.georgiagsoparty.org/>

QCWA Spring QSO Party

18:00 UTC 14 April to 18:00 UTC 15 April

Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10, VHF/UHF

Classes: CW/Digital Only; Phone Only; Mixed

Exchange: last 2 digits of year first licensed, name and state, province, country or QCWA chapter

Work stations: Once per band regardless of mode

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mult points

Submit logs by: 15 May 2012

E-mail logs to: [w2od@aol.com](mailto:w2od@aol.com)

Mail logs to: W2OD, Robert Buus, 8 Donner Street, Holmdel N.J. 07733-2004, USA

Find rules at: <http://www.qcwa.org/qso-party.pdf>

Yuri Gagarin International DX Contest

21:00 UTC 14 April to 21:00 UTC 15 April

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, Satellites

Classes: Single Op Multi-Band; Single Op Single Band; Multi-Single; SWL

Exchange: RST and ITU Zone no

Work stations: Once per band

QSO Points: 2 points per QSO with same country; 3 points per QSO with different country on same continent; 4 points per QSO with different continent; 100 points per satellite QSO; 3 x QSO points on 160 and 80 m, 2 x QSO points on 40 m

Multipliers: ITU zones once per band; QSO with R3K, RS3A, RT3F and UP7Z once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 May 2012

E-mail logs to: [gc12@bk.ru](mailto:gc12@bk.ru)

Mail logs to: (none)

Find rules at: <http://gc.qst.ru/en/section/32>

International Vintage Contest HF

07:00 - 10:00 UTC and 13:00 - 16:00 UTC 15 April

Mode: CW, SSB, AM

Bands: 40, 20 m

Classes: Single Op All Band; Single Op CW; Single Op SSB; Single Op AM; Multi-Op All Band; Multi-Op Single Band; SWL

Exchange: RS(T) and 4-character grid square

Work stations: Once per band per mode

QSO Points: 1 point per QSO

Multipliers: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 May 2012

E-mail logs to: [iv3ehh@iv3ehh.it](mailto:iv3ehh@iv3ehh.it)

Mail logs to: (none)

Find rules at: <http://www.contestvintage.beepworld.it/rules-2012.htm>

Hungarian Straight Key Contest

15:00 - 17:00 UTC 15 April

Have YOU done anything to promote Amateur Radio this month?





Mode: CW  
Bands: 80 m Only  
Classes: Single Op - 10 W or 100 W; Multi-Op - 10 W or 100 W  
Exchange: RST, serial no and power code  
QSO Points: 1 point per QSO with category B; 3 points per QSO with category A  
Multipliers: (see rules)  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 30 April 2012  
E-mail logs to: [hskc@ha8kux.com](mailto:hskc@ha8kux.com)  
Mail logs to: Provics Ferenc, PO Box 620, Szeged-1 H-6701, Hungary  
Find rules at:  
<http://hskc.ha8kux.com/data/2012/Hungarian%20Straight%20Key%20Contest%202012.pdf>

ARRL Rookie Roundup, SSB  
18:00 - 23:59 UTC 15 April  
Mode: SSB  
Bands: 80, 40, 20, 15, 10, 6 m  
Classes: Single Op Rookie; Multi-Op Rookie; Non-Rookies  
Max power: 100 watts  
Exchange: NA: Name, 2-digit year first licensed and state, province, XE area or DX  
Work stations: Once per band  
QSO Points: 1 point per QSO with non-rookie; 2 points per QSO with rookie  
Multipliers: Each US state and DC once; Each VE province once; Each XE call area once; One DX once  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 23:59 UTC 18 April 2012  
E-mail logs to: (none)  
Post log summary at: [http://www.b4h.net/arrlrr/rr\\_scoresubmission.php](http://www.b4h.net/arrlrr/rr_scoresubmission.php)  
Mail logs to: (none)  
Find rules at: <http://www.arrl.org/rookie-roundup>

### Next Week's Contests

RSGB 80 m Club Championship, Data, 19:00 - 20:30 UTC 19 April  
Holyland DX Contest, 21:00 UTC 20 April to 21:00 UTC 21 April  
TARA Skirmish Digital Prefix Contest, 00:00 - 23:59 UTC 21 April  
ES Open HF Championship, 05:00 - 05:59 UTC, 06:00 - 06:59 UTC, 07:00 - 07:59 UTC and 08:00 - 08:59 UTC 21 April  
CQ Manchester Mineira DX Contest, 12:00 UTC 21 April to 23:59 UTC 22 April  
Michigan QSO Party, 16:00 UTC 21 April to 04:00 UTC 22 April  
EU Spring Sprint, SSB, 16:00 - 19:59 UTC 21 April  
South Dakota QSO Party, 17:00 UTC 21 April to 17:00 UTC 22 April  
EA-QRP CW Contest, 17:00 - 20:00 UTC 21 April (20 - 10 m) 20:00 - 23:00 UTC 21 April (80 m)  
07:00 - 11:00 UTC 22 April (40 m) 11:00 - 13:00 UTC 22 April (20 - 10 m)  
Ontario QSO Party, 18:00 UTC 21 April to 05:00 UTC 22 April 12:00 UTC-18:00 UTC 22 April  
Feld Hell Sprint, 20:00 - 22:00 UTC 21 April  
YU DX Contest 21:00 UTC 21 April to 05:00 UTC 22 April and 09:00 - 17:00 UTC 22 April

### History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW and Dennis, ZS4BS. The week starting Monday 9 April 2012.

Have YOU done anything to promote Amateur Radio this month?





1611 - The word "telescope" was first used in public by Prince Federico Cesi at a banquet held by the pioneer scientific society, the Academy of Linceans (or Lynxes, of which he was a founder). It was held to honour Galileo, on a grand hillside estate. After Galileo showed the guests the satellites of Jupiter, other celestial marvels and even an inscription on a building three miles away. Although the name was announced by Cesi to christen Galileo's instrument, the word *telescopio* (in Italian) was perhaps devised by a Greek poet-theologian, who happened to be present, from Greek words (14 Apr)

1625 - The word "microscope" was coined as a suggested term in a letter written by Johannes Faber of Bamberg, Germany, to Federigo Cesi, Duke of Aquasparata and founder of Italy's *Accademia dei Lincei* (Academy of the Lynx). This Academy, possibly the world's first scientific society took its name after the animal for its exceptional vision (13 Apr)

1633 Galileo Galilei's second trial by the Inquisition, decided that "the Earth was not the centre of the Universe" was heretical (12 Apr)

1751 Ebenezer Kinnersley advertised in the *Pennsylvania Gazette* that he was to give a lecture on "The Newly Discovered Electrical Fire." His lectures were the first of the kind in America or Europe. The announcement read: "Notice is hereby given to the Curious, that Wednesday next, Mr. Kinnersley proposes to begin a course of experiments on the newly discovered Electrical Fire, containing not only the most curious of those that have been made and published in Europe, but a considerable number of new ones lately made in this city, to be accompanied with methodical Lectures on the nature and properties of that wonderful element." Thus, Kinnersley was one of the earliest popularisers of science (11 Apr)

1770 - Thomas Johann Seebeck, German physicist who discovered (1821) that an electric current flows between different conductive materials that are kept at different temperatures, known as the Seebeck effect. It is the basis of the thermocouple and is considered the most accurate measurement of temperature. It is also a key component of the semi-conductor, the foundation of the modern computer business. Seebeck's work was the basis of German physicist Georg Simon Ohm (1789-1854) discoveries in electricity and of French physicist Jean Charles Athanase Peltier (1785-1845), whose Peltier effect became well known as a way to use electricity to freeze water (air conditioning, refrigeration). Born 9 Apr 1770; died 10 Dec 1831

1877 - A steam engine driven helicopter model built by Enrico Forlanini rose 12 m (15 Apr)

1895 - A spectrogram made by American astronomer James Keeler proved that the rings of Saturn were indeed composed of meteoric particles, as predicted by James Maxwell. If the rings were solid, observations would show uniform rotation. However, Keeler's spectrogram of light reflected from Saturn's rings showed a Doppler shift indicating a variation in radial velocity. (9 Apr)

1898 - Marie Curie observed a meeting of the French Academy of Sciences, where one of her teachers, Prof. Gabriel Lippmann announced her discovery of substances much more radioactive than uranium. Working since Dec 1897, she had verified that the radiant activity of various compounds was directly related to the amount of uranium present, whether solid, powdered, or in a wet state. She proposed the radiant activity was an atomic property, for it was independent of physical or chemical state. She announced that in pitchblende and charcolite she had discovered compounds even more active than uranium. She had not, in fact, found a new element but was the first to identify thorium's powerful radioactivity (12 Apr)

1908 - Masaru Ibuka, Japanese electronics pioneer who co-founded a small post-war radio-repair company that grew into the giant Sony Corporation. Born 11 Apr 1908; died 19 Dec 1998 at age 90.

1912 - David Sarnoff picked up a message of distress call of the Titanic relayed from ships at sea: "S.S. Titanic ran into iceberg, sinking fast." Sarnoff, aged 21, was a telegraph operator managing a powerful Marconi radiotelegraph station on top of Wannamaker's department store in New York. He stayed at his post for 72 hours, receiving and transmitting the first authentic information on the disaster. He relayed the names of the rescued from the Carpathia telegraph operator to reporters and frantic family members. Sarnoff went on to become a pioneer in radio and television broadcasting: He founded NBC in 1926, created an experimental television station for NBC in 1928, and became president and chairman of RCA.







1959 - NASA announced the selection of America's first seven astronauts for project Mercury, Scott Carpenter, Gordon Cooper, John Glenn, Gus Grissom, Wally Schirra, Alan Shepard and Donald Slayton chosen from 110 applicants. NASA required astronaut candidates to be male, not older than 40 years of age, not more than 5' 11" height and in excellent physical condition. (9 Apr)

1961 - Yuri Gagarin became the first man to orbit the Earth. His spacecraft, Vostok 1, had radio, television and life-support equipment to relay information on his condition. The flight was automated. Gagarin's controls were locked to prevent him from taking control of the ship, although a key in a sealed envelope was provided in case of an emergency (12 Apr)

1970 - Apollo 13, the third manned lunar landing mission, was launched from Cape Canaveral with crew James Lovell, Fred Haise, and John Swigert. Two days later, on 13 Apr disaster struck 200,000 miles from earth. A liquid oxygen tank exploded, disabling the normal supply of oxygen, electricity, light and water. (11 Apr)

1981 - The American Space Shuttle Columbia was launched into space, NASA flight STS-1, to become the first of a series of reusable spacecraft. The mission commander was John W. Young with pilot Robert Crippen. (12 Apr)

1984 - Challenger astronauts completed the first in-space satellite repair. George Nelson and James Van Hoften retrieved the ailing Solar Max astronomy satellite. It had originally been launched in 1980, but had been malfunctioning. The rescued satellite was brought into the shuttle cargo bay to make the first-ever in-space satellite repair (11 Apr)

1986 - Halley's Comet made its closest approach to Earth this trip, 63 million kilometres, on its out-bound journey. Many observers were disappointed because the famous comet was barely visible to the naked eye (11 Apr)

1994 - The first Internet spamming program was used by an attorney in Arizona. Laurence Canter created the software program, a simple Perl script, that flooded Usenet message board readers with a notice for the "Green Card Lottery" to solicit business for his law firm of Canter & Siegel (with wife, Martha Siegel) (12 Apr)

2003 - British Airways and Air France announced the retirement of all Concorde supersonic jets simultaneously, after a quarter century of passenger service that began on 21 Jan 1976. Rising fuel and maintenance costs for the aging aircraft (in the shadow of a fatal crash of a French Concorde in 2000) at a time of declining passenger traffic and revenue made the decision necessary (10 Apr)

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

